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(54) TRANSPARENT HEAT INSULATION SHEET

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a transparent heat insulation sheet which shows high transparency and outstanding heat insulating properties and for example, reduces heat radiation when used for a windowpane and does not impair the see-through of the windowpane.

SOLUTION: This transparent heat insulation sheet is formed of an expanded resin which contains a vacancy with an average vacancy diameter of not more than 50 nm and has voids of 10 to 95 vol%. In addition, the expanded resin preferably has a glass transition temperature of not less than 50°C and the light trans-

mittance of the transparent heat insulation sheet is not less than 70% with a heat conductivity of not more than 0.2 W/mK.

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